

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-27
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1975 model-year passenger cars are approved for the engine family described below:

Engine Family: 41S43/0

Engine: 455 CID

Transmission: 3-speed automatic

Exhaust Emission Control Systems: Exhaust gas recirculation, early fuel evaporation, and oxidation catalyst.

Models: Buick

Estate Wagon 2-Seat
Estate Wagon 3-Seat
Electra 225 2-Door Hardtop
Electra 225 4-Door Hardtop
Electra Limited 2-Door Hardtop
Electra Limited 4-Door Hardtop
Riviera 2-Door Hardtop

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

| <u>Engine Family</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|----------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|
| 41S43/0 | 0.9 | 7.3 | 1.9 |

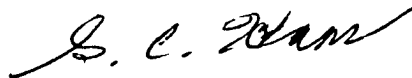
Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

GENERAL MOTORS CORPORATION

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The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 21 day of August, 1974.



G. C. Hass, Chief
Division of Vehicle
Emissions Control

AIR RESON ES BOARD

SUPPLEMENTAL INFORMATION

Revised: Sept. 16, 1974

1975 MODEL YEAR

Sept. 27, 1974

☒ PASSENGER CARS ☐ LIGHT DUTY TRUCKSOct. 18, 1974
Feb. 3, 1975

BUICK DIVISION OF GENERAL MOTORS CORP.

EXECUTIVE ORDER NO. A-6-27

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| Engine Family | Vehicle Models (Refer to Attachment for code) | Engine CID | Trans. | Inertia Weight | Distributor | | Fuel System | | Emission Control System | | | Tune-up Specifications | | |
|---------------|--------------------------------------------------|------------|--------|---------------------------|-------------|----------------------------------|-------------|--------------------------------|-------------------------|--------------------------|--------------------------|------------------------|-------------------------------------|-------------------|
| | | | | | Type | Mfr. Part No. | Type | Mfr. Part No. | Type | Oxidizing Catalyst | | Idle RPM | Basic Timing | Idle Mixture |
| | | | | | | | | | | Part No. | Service * | | | |
| 41S43/0 | 4BR35 4BP69+ (R.C.33) | 455 | A-3 | 5500+ | HEI C, V | 1112894 1112963 (R.C. 146) | 4 bbl | 7045548 7045541 (R.C. 5) | EGR OC EFE | 6498369 No Service | 7043438 No Service | 600 (Drive) | 12° BTDC @600 RPM (Drive) | Factory Preset |
| 41S43/0 | 4BR45 | 455 | A-3 | 5500+ | HEI C, V | 1112894 1112963 (R.C. 146) | 4 bbl | 7045548 7045541 (R.C. 5) | EGR OC EFE | 6498369 No Service | 7043438 No Service | 600 (Drive) | 12° BTDC @ 600 RPM (Drive) | Factory Preset |
| 41S43/0 | 4CV37 4CV39 4CX37 4CX39 | 455 | A-3 | 5500 | HEI C, V | 1112894 1112963 (R.C. 146) | 4 bbl | 7045548 7045541 (R.C. 5) | EGR OC EFE | 6498369 No Service | 7043438 No Service | 600 (Drive) | 12° BTDC @ 600 RPM (Drive) | Factory Preset |
| 41S43/0 | 4EZ87 | 455 | A-3 | 5500 5000 (R.C. 56) | HEI C, V | 1112894 1112963 (R.C. 146) | 4 bbl | 7045548 7045541 (R.C. 5) | EGR OC EFE | 6498369 No Service | 7043438 No Service | 600 (Drive) | 12° BTDC @ 600 RPM (Drive) | Factory Preset |

ABBREVIATIONS:

Distributor

Exhaust Emission Control System

Evaporative Control System

C - Centrifugal Advance

AIR - Air Injection Reactor

CAN - Charcoal Canister Storage

V - Vacuum Advance

EFI - Electronic Fuel Injection

*Service

VR - Vacuum Retard

EGR - Exhaust Gas Recirculation

I - Inspect, repair/replace as needed

HEI - High Energy Ignition

OC - Oxidation Catalyst

R - Replace

AIR RESOLUTIONS BOARD
SUPPLEMENTAL INFORMATIONRevised: Sept. 16, 1974
Feb. 3, 1975

1975 MODEL YEAR

☒ PASSENGER CARS☐ LIGHT DUTY TRUCKS

Buick DIVISION OF GENERAL MOTORS CORP.

EXECUTIVE ORDER NO. A-6-27

PAGE NO. 2

| Engine Family | Vehicle Models (Refer to Attachment for code) | Engine CID | Trans. | Inertia Weight | Distributor | | Fuel System | | Emission Control System | | Tune-up Specifications | | Idle Mixture | |
|---------------|---------------------------------------------------------------------------|------------|--------|----------------|-----------------------------|--------------------|-------------|---------------|-------------------------|-----------------------------------------|--------------------------|----------------|----------------------------------|--------------------------------------|
| | | | | | Type | Mfr. Part No. | Type | Mfr. Part No. | Type | Oxidizing Catalyst Part No. Service* | ECR Part No. Service* | Idle RPM | | Basic Timing @ 600 RPM (Drive) |
| 41S43/0 | 4BN57 * 4BN69 * 4BP57 * 4BP69 * 4BP67 * 4BN39 * 4BP39 * | 455 | A-3 | 5000 | HEI, C, V (R. C. 146) | 1112894 1112963 | 4 bbl. | 7045541 | EGR OC EFE | 6498369 No Service | 7043438 No Service | 600 (Drive) | 12° BTDC @ 600 RPM (Drive) | Factory Preset |
| * (R. C. 5C) | | | | | | | | | | | | | | |

ABBREVIATIONS:

Distributor

C - Centrifugal Advance
V - Vacuum Advance
VR - Vacuum Retard
HEI - High Energy Ignition

Exhaust Emission Control System

AIR - Air Injection Reactor
EFI - Electronic Fuel Injection
EGR - Exhaust Gas Recirculation
OC - Oxidation Catalyst

Evaporative Control System

CAN - Charcoal Canister Storage

Service*

I - Inspect, repair/replace as needed

ATTACHMENT I

SUPPLEMENTAL INFORMATION FORM

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| | <u>Model Name</u> | <u>Model Number</u> |
|--------------|--------------------------------|---------------------|
| Buick | Estate Wagon 2-Seat | 4BR35 |
| | Estate Wagon 3-Seat | 4BR45 |
| | Estate Wagon Limousine | 4BR45 |
| | Electra 225 2 Door Hardtop | 4CV37 |
| | Electra 225 4 Door Hardtop | 4CV39 |
| | Electra Limited 2 Door Hardtop | 4CX37 |
| | Electra Limited 4 Door Hardtop | 4CX39 |
| | Riviera 2 Door Hardtop | 4EZ87 |
| | LeSabre Hardtop | 4BN39 |
| | LeSabre Coupe Hardtop | 4BN57 |
| | LeSabre Sedan | 4BN69 |
| | LeSabre Custom Hardtop | 4BP39 |
| | LeSabre Custom Coupe Hardtop | 4BP57 |
| | LeSabre Custom Convertible | 4BP67 |
| | LeSabre Custom Sedan | 4BP69 |
| | LeSabre 9 Passenger Limousine | 4BP69+ |

Revised 6/9/75